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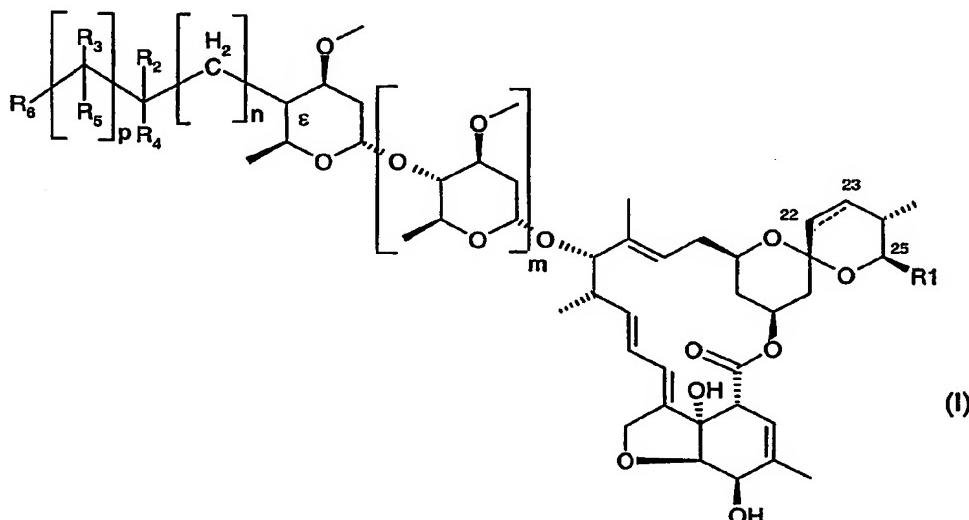
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(54) Title: AVERMECTINS AND AVERMECTIN MONOSACCHARIDES SUBSTITUTED IN THE 4'- AND 4''-POSITION HAVING PESTICIDAL PROPERTIES



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(57) Abstract: What is described are a compound of the formula (I) wherein the bond of atoms C₂₂ and C₂₃ is a single or double bond; m is 0 or 1; n is 0, 1 or 2; p is 0 or 1; R₁ is C₁-C₁₂-alkyl, C₃-C₈-cycloalkyl or C₂-C₁₂-alkenyl; R₂ is for example H, C₁-C₁₂-alkyl, C₁-C₁₂-haloalkyl or C₁-C₁₂-hydroxyalkyl; or together with R₄ form with the carbon to which they are bound for example a three- to seven-membered ring; R₃ is for example H, C₁-C₁₂-alkyl, halogen, halo-C₁-C₂-alkyl, CN, NO₂ or C₃-C₈-cycloalkyl; R₄ has the same meanings as R₂; R₅ and R₆ independently of each other are for example H, C₁-C₁₂-alkyl, CN, NO₂, OH, SH, halogen, halo-C₁-C₂-alkyl or C₃-C₈-cycloalkyl; or, if appropriate, an E/Z isomer, E/Z isomer mixture and/or tautomer thereof, in each case in free form or in salt form a process for preparing and using these compounds and their tautomers; pesticides whose active compound is selected from these compounds and their tautomers; and a process for preparing these compounds and compositions, and the use of these compounds and compositions.